

U.S. Patent Application Serial No. 10/526,156
Amendment filed June 30, 2006
Reply to OA dated March 7, 2006

IN THE SPECIFICATION:

Please amend the paragraph beginning at line 3 of page 6 as follows:

The fluid control device 1 of this embodiment is of the normally open type and comprises a valve case 2 provided with a fluid inlet channel 2a and a fluid outlet channel 2b, an annular valve seat 3 formed around a peripheral edge defining an opening of the inlet channel 2a, a diaphragm (valve element) 4 movable into or out of pressing contact with the valve seat 3 for closing or opening the fluid channel 2a, a disk (~~vate~~ valve element holder) 5 movable upward or downward for holding the diaphragm 4, a bonnet 6 fitted around the disk 5, a lower casing 7 disposed on an upper portion of the valve case 2, an upper casing 8 joined to the lower casing 7, a valve stem 9 disposed within a space defined by the ~~upper and lower~~ lower and upper casings 7, 8 and having a lower end in bearing contact with the valve element holder 5, a piston 10 secured to the valve stem 9, and a compression coil spring 11 for biasing the piston 10 upward.

Please amend the paragraph beginning at line 1 of page 11 as follows:

With this embodiment, an upper space S3 formed between and defined by the upper surface of the large-diameter portion 30a of the piston 30 and the upper surface of top wall 8a of the upper casing 8 serves as a space for the compressed coil spring ~~13~~ 31 to be provided in. A lower space S4 formed between and defined by the lower surface of large-diameter portion 30a of the piston 30 and the upper surface of bottom wall 7a of the lower casing 7 serves as a compressed air admitting space. An air vent 19 communicating with the upper space S3 is formed in the upper casing 8 so as to be

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positioned a small distance above the upper end of the lower casing 7. This air vent 19 is formed at the same position as the one communicating with the lower space S2 in the first embodiment. This makes it possible to use the upper casing 8 in common for the normally open type and the normally closed type although the spaces S2 and S3 are different in function.